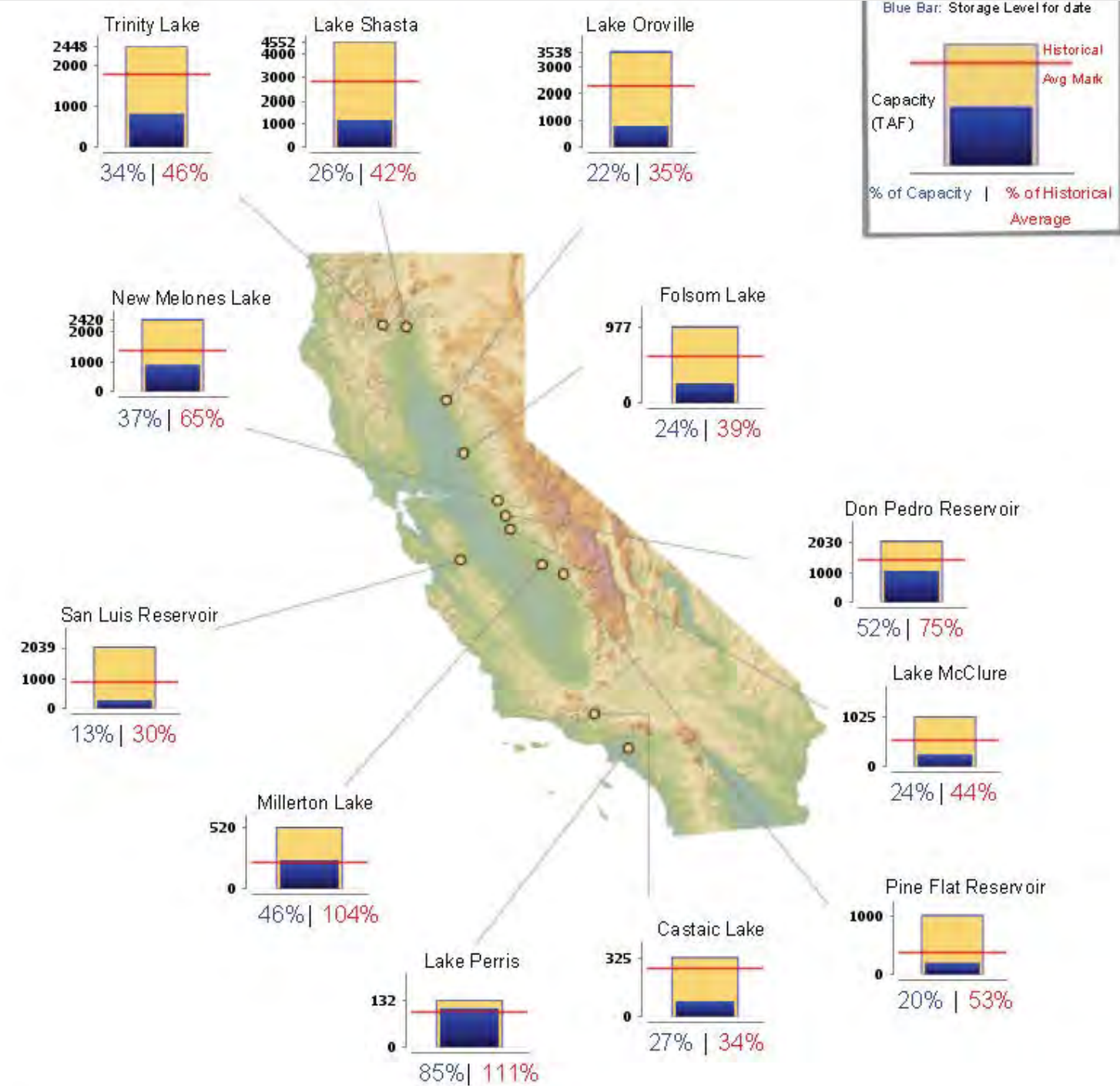


# 2021 Drought Conditions



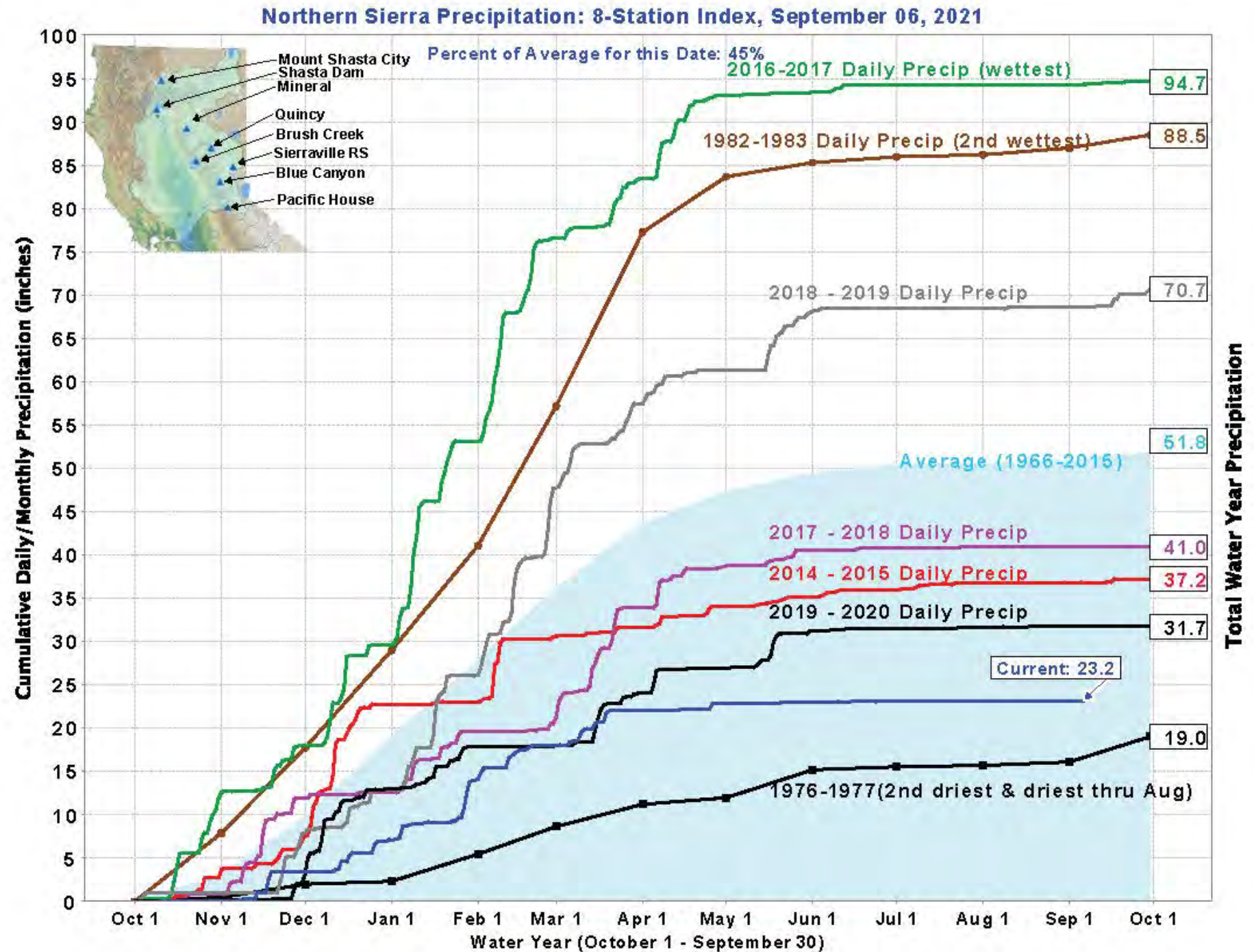
# Current Conditions

(as of 9/7/21)

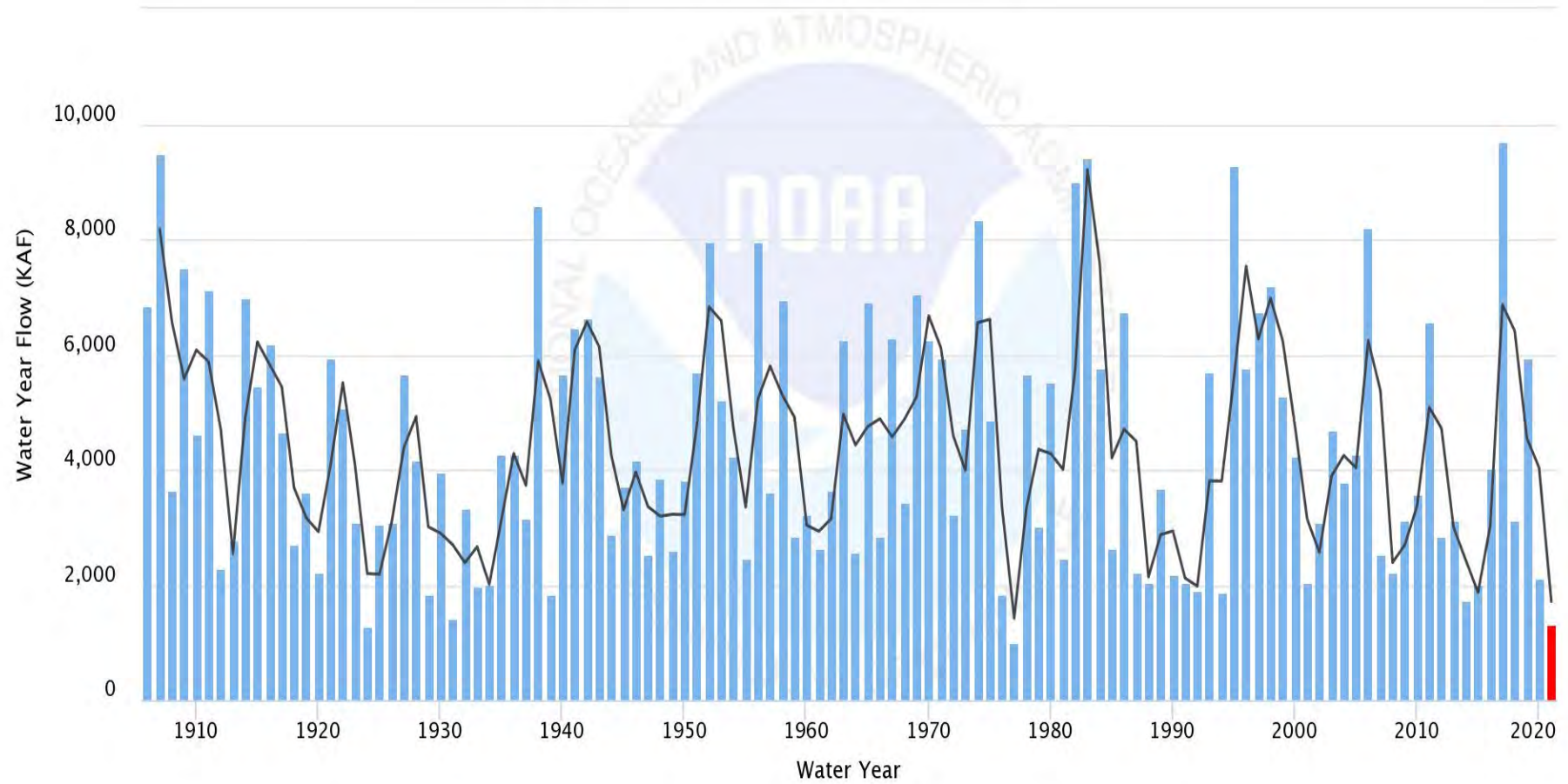




# Current Conditions



## Water Year Historical Flow for ORDC1



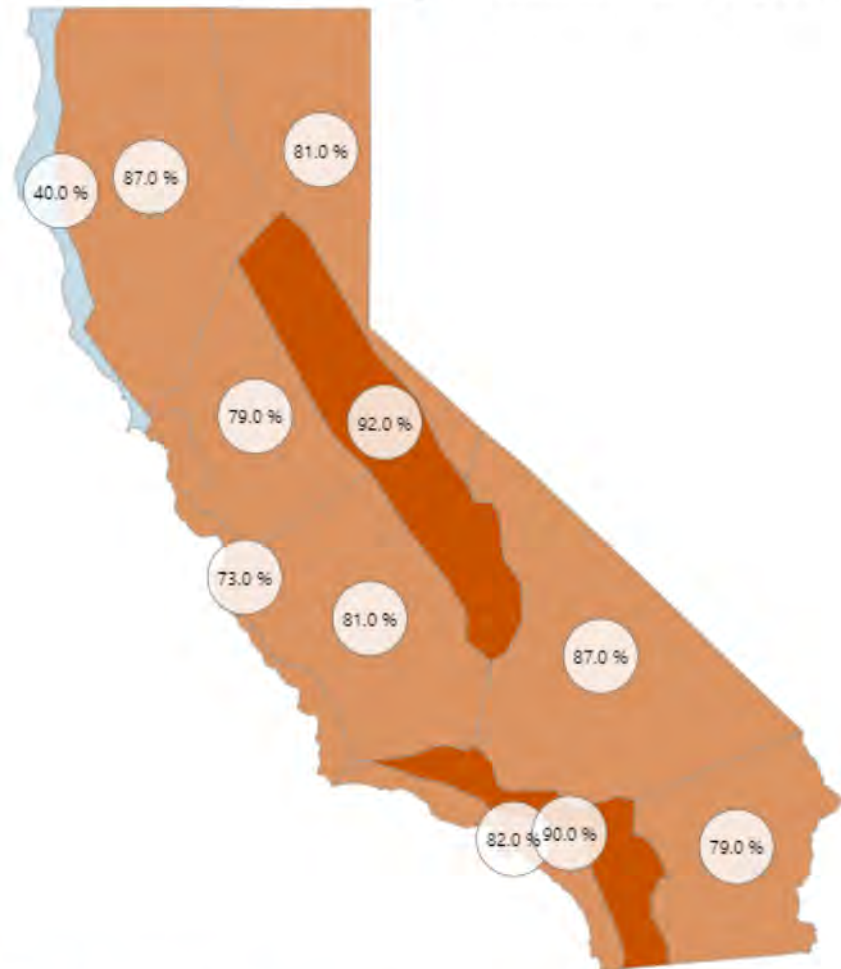
● Annual Flow — 2-Year Mean



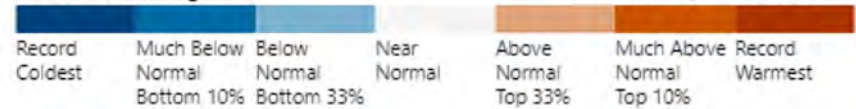
**WY 2021  
Significantly  
Above  
Average  
Temps**



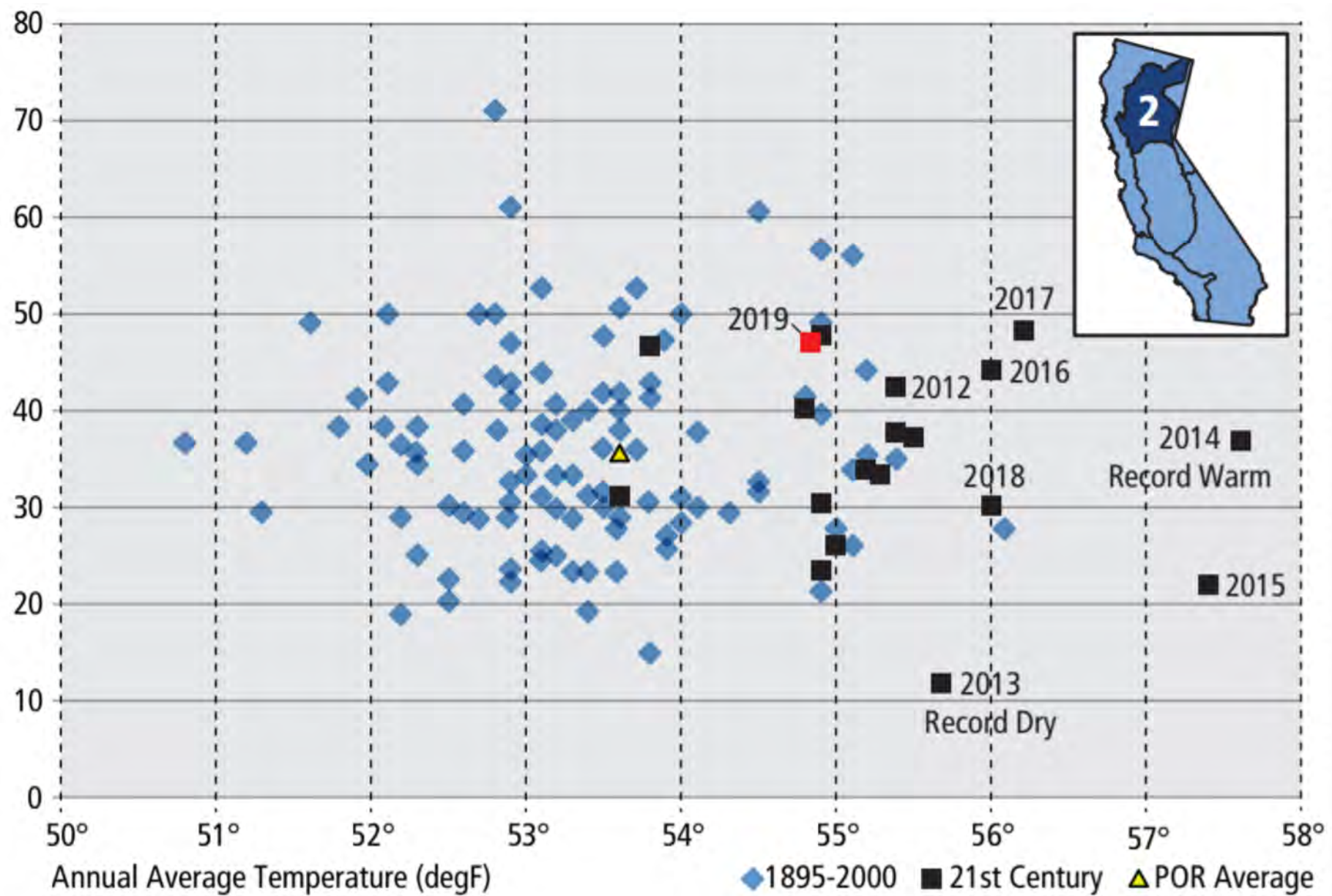
**California by Climatological Regions**  
Temperature Percentile Ranking for November 2020 - April 2021



**Percentile Rankings**



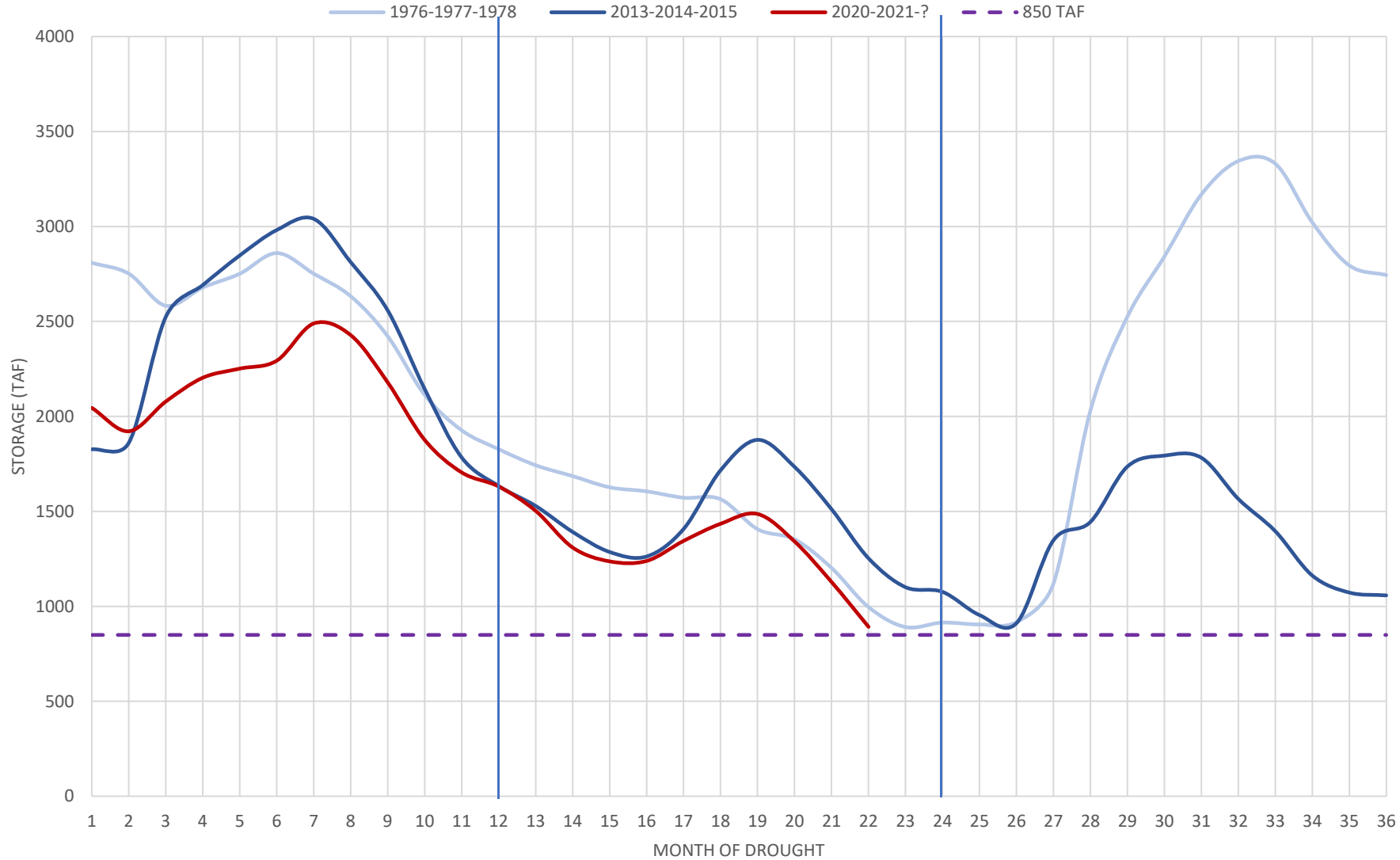
Western Regional Climate Center





# LAKE OROVILLE STORAGE (TAF)

## (DURING MOST SEVERE DROUGHTS HISTORICALLY)



Current elevation 630 feet  
as of 9/7/21

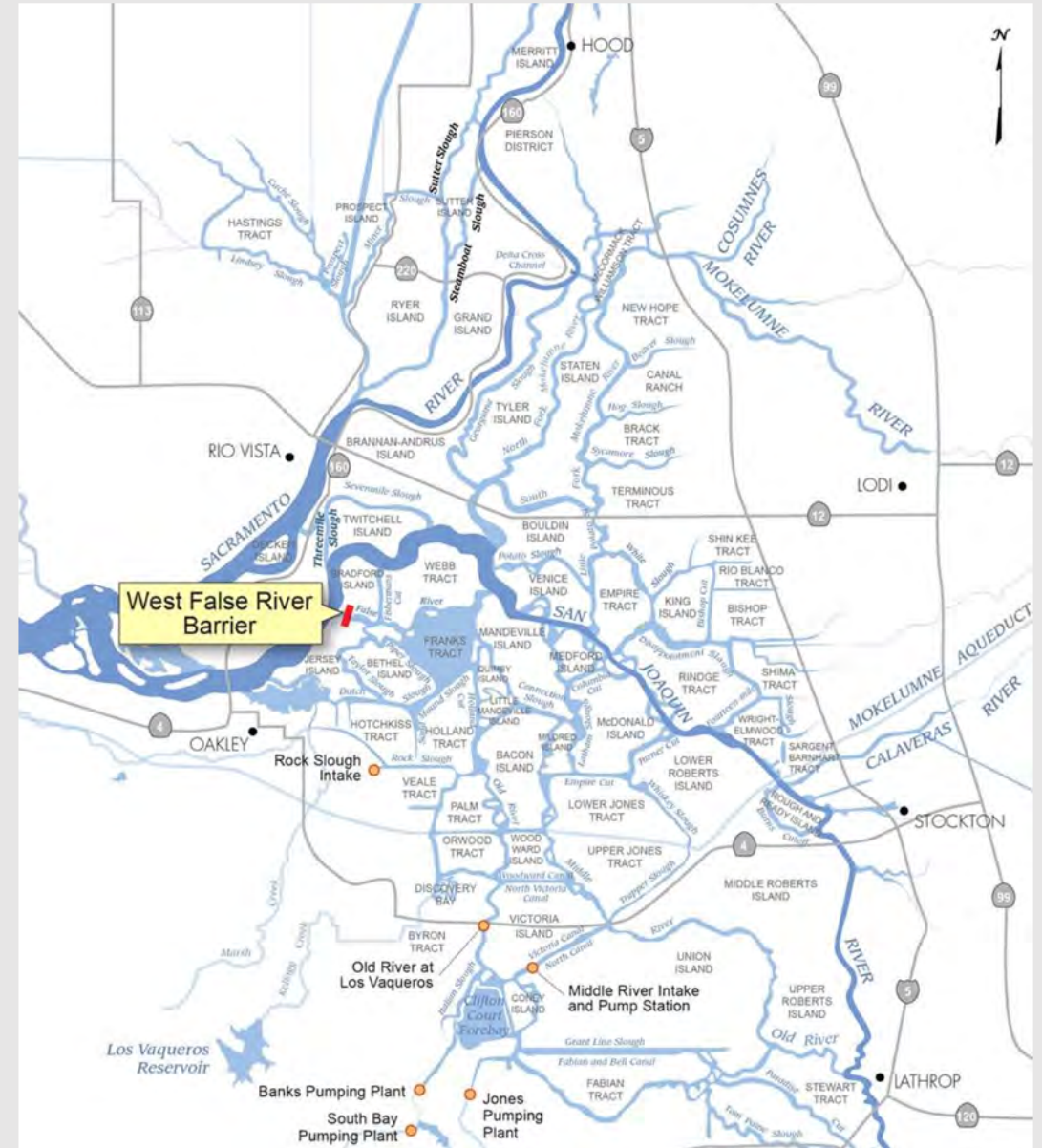
# Drought Actions Being Taken

- Modified Delta salinity standards through a Temporary Urgency Change Order issued by the State Water Resources Control Board
- Emergency Drought Barrier Installation
- Delay delivery of CVP and SWP south-of-Delta water transfers to bolster Shasta, Oroville, and Folsom storage:
  - Sacramento, Feather– October to November
  - SWP Yuba Accord displacing SWP Project Water – July to November
- Additional releases from New Melones storage
- Implement groundwater substitution program on Sacramento River to bolster Shasta storage
- Reduced CVP M&I allocation to primarily public health and safety levels
- Limit fall 2021 rice-decomposition deliveries to preserve storage
- Shasta warm water bypass
- Implement Sacramento Valley groundwater substitution program to protect pacific flyway and preserve storage





# Current Actions



The figure consists of two main parts. The top part is a map of California with callouts to various reservoirs, each accompanied by a small bar chart showing the percentage of storage remaining for different drought periods. The bottom part is a line graph titled 'LAKE OROVILLE STORAGE (TAF)' showing storage in TAF over 36 months of drought for three different periods: 1976-1977-1978, 2013-2014-2015, and 2020-2021-2.

**Reservoir Storage Data (TAF):**

Reservoir	1976-1977-1978	2013-2014-2015	2020-2021-2
Tehach Lake	54%   46%		
Lake Shasta	20%   42%		
Lake Oroville	22%   35%		
Yuba Lake	24%   32%		
San Francisco Bay	24%   32%		
San Joaquin River	24%   32%		
San Luis Reservoir	52%   70%		
Lake McCall	24%   44%		
Pine Flat Reservoir	20%   53%		
Condit Lake	27%   34%		
Lake Perris	32%   11%		

**LAKE OROVILLE STORAGE (TAF) (DURING MOST SEVERE DROUGHTS HISTORICALLY)**

Legend: 1976-1977-1978 (light blue), 2013-2014-2015 (dark blue), 2020-2021-2 (red), - 850 TAF (purple dashed line).

The graph shows storage in TAF on the y-axis (0 to 2500) and months of drought on the x-axis (1 to 36). The 1976-1977-1978 period shows a sharp decline in storage, reaching near zero by month 25. The 2013-2014-2015 period shows a more gradual decline, reaching near zero by month 36. The 2020-2021-2 period shows a sharp decline, reaching near zero by month 25.



**California by Climatological Regions**  
Temperature Percentile Ranking for November 2020 - April 2021

Percentile Rankings:

Record Coldest	Much Below Normal	Below Normal	Near Normal	Above Normal	Much Above Normal	Record Warmest
Bottom 10%	Bottom 25%	Bottom 50%	Bottom 75%	Top 25%	Top 50%	Top 75%

Western Regional Climate Center

■ 2013  
■ 2015  
Record Dry

Annual Average Temperature (degF)

◆ 1895-2000 ■ 21st Century ▲ POR Average

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